

## METHOD AND SYSTEM FOR PROVIDING VERSION CONTROL OF PARAMETERS IN A COMMAND-BASED API USING JAVA SERIALIZATION

### ABSTRACT

A technique for determining whether a server host supports the functions in a command sent by a client host. The client host formulates a command including a command object that contains parameter objects. The parameter objects, which represent the functions, are serialized, e.g., using the Java serialization command, and communicated to the server host. The server host attempts to deserialize the parameter objects. If it is successful, it is concluded that the server host supports the functions represented by the parameter objects. Or, it is concluded that the server host is incompatible with the functions represented by one or more parameter objects that cannot be deserialized. The server host may be a storage server, and the functions may be storage-related, such as a copy type to be performed.